

Title (en)
MANUFACTURING METHOD OF AN ELECTRICAL INSULATION SYSTEM OF A CONDUCTOR IN A WINDING HEAD OF AN ELECTRIC MACHINE

Title (de)
HERSTELLUNGSVERFAHREN EINES ELEKTRISCHEN ISOLATIONSSYSTEMS EINES LEITERS IN EINEM WICKELKOPF EINER ELEKTRISCHEN MASCHINE

Title (fr)
PROCÉDÉ DE FABRICATION D'UN SYSTÈME D'ISOLATION ÉLECTRIQUE D'UN CONDUCTEUR DANS LE CHIGNON D'UNE MASCHINE ÉLECTRIQUE

Publication
EP 2689514 A2 20140129 (DE)

Application
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Priority
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Abstract (en)
[origin: WO2012152580A2] A method for producing an electrical insulation system for an electric machine comprises the following steps: applying a porous main insulation paper to a conductor (3) of the electric machine; applying a porous overhang corona shielding paper to the main insulation paper, as a result of which an insulation blank of the insulation system is formed; impregnating the insulation blank with a base resin, wherein the overhang corona shielding paper and the main insulation paper have a porosity such that the insulation blank is impregnated by the base resin to form a homogeneous base resin matrix; completing the insulation system.

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CPC (source: EP US)
H01B 13/0891 (2013.01 - US); **H02K 3/40** (2013.01 - EP US); **H02K 15/105** (2013.01 - EP US)

Citation (search report)
See references of WO 2012152580A2

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